Philips
Digital AV Receiver System

LX600

Total immersion in movies and music

Thinking of transforming your DVD player, Recorder or even your VCR into a complete Home Entertainment System? Just match them with this sleek and stylish digital receiver system and be fully immersed in your movies and music.

Superb audio performance

- Conical Dome Tweeters enhance SACD sound in high frequencies
- DTS 5.1 Dolby Digital Pro Logic II full surround sound
- Advanced Class D Amplifier™for compact, powerful sound

Quick and easy set-up

- Digital coaxial and optical inputs
- 6-channel analog input for dierct connection
- User-friendly color coded speaker connectors

Multiple sources for more choices

- DVD/SACD Player
- Satellite tuner/Set-top box
- Game console
- TV
- Built-in FM/MW tuner

PHILIPS
sense and simplicity

Specifications

Sound
- D/A converter: 24 bit, 96 kHz
- Frequency response: 30-20000 Hz
- Signal to noise ratio: > 60 db (CCIR)
- Sound Enhancement: Class "D" Digital Amplifier
- Sound System: Dolby Digital, Dolby Digital Surround Sound, Dolby Prologic II, DTS
- Output power (RMS): 6 x 100W

Tuner/Reception/Transmission
- Auto digital tuning
- Auto store
- Number of Preset Channels: 40
- Tuner Bands: AM, FM Stereo

Connectivity
- Other connections: AUX in, Digital coaxial in, Digital coaxial out, Digital optical in, DVD 6 Channel, FM Antenna, Line out, MW Antenna, TV in (audio, cinch)

Convenience
- Display Type: FTD
- Remote Control: Multi-functional

Accessories
- Included Accessories: 1x center speaker, 1x subwoofer, 2x front satellite speakers, 2x rear satellite speakers, Audio Cable, Coax digital audio cable, FM/MW Antenna, Mains cord, Quick Use Guide, Remote Control, User Manual, Warranty certificate
- Included batteries: 2x Longlife AA

Power
- Power supply: 100-240VAC, 50/60Hz
- Standby power consumption: < 1 W

Product highlights

Conical Dome Tweeters
Conical Dome Tweeters enhance SACD sound at the highest frequencies by capturing every nuance and inflection of sound by using an extremely light and stiff membrane created of LEXAR, which allows the tweeters to deliver a higher range of audio frequency. The special cone shape of the reflector dish ensures a wider sound distribution of the higher frequencies. This results in stunningly clear and crisp highs and an overall more balanced sound perception.

DTS, Dolby Digital 5.1 and PL2
A Built-in DTS and Dolby Digital decoder eliminates the need for an external decoder by processing all six channels of audio imformation to provide a surround sound experience and an astoundingly natural sense of ambience and dynamic realism. Dolby Pro Logic II provides five channels of surround processing from any stereo source.

6x Class D Digital Amplifier
When it comes to perfect audio there is no room for distortion. Digital amplifiers generate far less heat than standard analog amplifiers, allowing for smaller set enclosures. Philips Class D Amplifiers™ provide dramatically enhanced sound quality over digital amplifiers used by competitors as they are designed to control and reduce EMI (Electro Magnetic Interference). In addition, the Class D Amplifiers™ use a closed loop design which suppresses distortion and loss of audio quality. The overall result is enhanced audio performance from a much smaller package.

Digital coax & optical inputs
Digital coaxial and optical inputs offer the highest quality digital audio input connections on your receiver. You can digitally transfer Dolby Digital, MPEG2, PCM and dts from your AV equipment to the receiver using a single cable.

6-channel analog input
6-channel analog input on your receiver allows you to directly connect to the analog output of your multi-channel DVD/SACD Player.

Color coded speaker connectors
Color-coded connectors provide a simple and user-friendly solution to connect the speakers and subwoofer to the center unit of the home entertainment system simply by plugging the connectors in the matching colored interface at the rear of the center unit.

DVD/SACD Player

Satellite tuner

Game console

TV

Built-in FM/MW tuner

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